

In the Claims:

Please amend the claims in the below indicated manner.

*Sub B'*  
*A'*  
1. (Amended) A method for protecting surfaces from arthropod infestation which comprises applying to said surface an effective amount of a slurry comprising one or more particulate materials selected from the group consisting of calcined kaolins, hydrophobic calcined kaolins, [hydrous kaolins, hydrophobic hydrous kaolins,] hydrophobic calcium carbonates, calcium carbonates and mixtures thereof, said particulate materials being finely divided, wherein the surface is selected from the group consisting of fruits, vegetables, trees, flowers, grasses, roots and landscape and ornamental plants.

*A'*  
3. (Amended) The method of claim 1 wherein said hydrophobic calcined kaolins, [hydrophobic hydrous kaolins,] and hydrophobic calcium carbonates have a hydrophobic outer surface prepared from materials selected from the group consisting of organic titanates, organic zirconate or aluminate coupling agents, organofunctional silanes, modified silicone fluids and fatty acids and salts thereof.

*A'*  
4. (Amended) The method of claim 1 wherein the surface is a horticultural crop selected from the group consisting of agricultural and ornamental crops.

5. (Amended) The method of claim 4 wherein the horticultural crop is selected from the group consisting of fruits, vegetables, and trees[, flowers, grasses, roots, seeds and landscape and ornamental plants].

*A'*  
~~§ 7.~~ (Amended) A method for protecting horticultural crops from arthropod infestation which comprises applying to the surface of a horticultural crop selected from the group consisting of fruits, vegetables, trees, flowers, grasses, roots[, seeds] and landscape and ornamental plants [which comprises applying to the surface of said horticultural crop] an effective amount of a slurry [of] comprising water and one or more particulate materials selected from the group consisting of calcium carbonate, [hydrophobic hydrous kaolin,] calcined kaolin, and mixtures thereof, permitting the slurry to dry, said particulate materials have a median

*A<sup>3</sup> contd*  
individual particle size of about one micron or less, and wherein said particles as applied allow for the exchange of gases on the surface of said crop.

*Sub B*  
*A<sup>4</sup>*  
9. (Amended) A method for protecting surfaces from arthropod infestation which comprises applying to the surfaces selected from the group consisting of fruits, vegetables, trees, flowers, grasses, roots and landscape and ornamental plants [of agricultural products, man-made structures, and soils], an effective amount of a slurry comprising water and one or more particulate materials selected from the group consisting of calcined kaolins, hydrophobic calcined kaolins, [hydrous kaolins, hydrophobic hydrous kaolins,] hydrophobic calcium carbonates, calcium carbonates and mixtures thereof, said particulate materials being finely divided.

Please add the following new claims.

*10*  
10. (Added) The method of claim 1, wherein the slurry further comprises a low boiling organic liquid.

*10*  
11. (Added) The method of claim *8*, wherein the slurry further comprises a low boiling organic liquid.

*11*  
12. (Added) The method of claim *8*, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 10 microns.

*A<sup>5</sup>*  
*11*  
13. (Added) The method of claim *9*, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 3 microns.

*11*  
14. (Added) The method of claim *9*, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 1 micron.

*11*  
15. (Added) The method of claim *8*, wherein the slurry further comprises a low boiling organic liquid.

16. (Added) A method for protecting surfaces from arthropod infestation which comprises applying to said surface an effective amount of a slurry comprising one or more particulate materials selected from the group consisting of hydrous kaolins, hydrophobic hydrous kaolins and mixtures thereof, said particulate materials being finely divided, wherein the surface is selected from the group consisting of fruits, vegetables, trees, flowers, grasses, roots and landscape and ornamental plants.

17. (Added) The method of claim 16, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 10 microns.

18. (Added) The method of claim 16, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 3 microns.

19. (Added) The method of claim 16, wherein particulate materials have a particle size distribution wherein up to 90% of the particles have a particle size of under about 1 micron.

20. (Added) The method of claim 16, wherein the slurry further comprises a low boiling organic liquid.

#### REMARKS

Claims 1-20 are pending in the application upon entry of the amendments and new claims. The specification and claims 1, 3-5, 7 and 9 have been amended. Claims 10-20 have been added. Claim 16 corresponds to claim 1 except that the particulate materials differ. Favorable reconsideration in light of the amendments, new claims and remarks which follow is respectfully requested.

The specification has been objected to for certain informalities. The specification has been amended in the manner suggested by the Examiner.